



JORDAN ROSS

CIVIL, WATER AND VR ENGINEER

PROFESSIONAL PROFILE

As an aspiring young professional, I have sought to always pursue a challenge that motivates me. A challenge which will channel my passion for knowledge through my work to deliver only that of the highest quality. I have sought to always challenge the status quo and engage in the difficult conversations, attempting not to overpower any view with my own but to engage with others so as to learn and always improve.

KEY COMPETENCIES

- Project Management
- Team Leadership
- Water Engineering
- Front-End VR Development (C# - Unity)

CONTACT ME AT:

Email: jordan.ianross@gmail.com
Phone: (+27) 71 551 2845
Instagram: [@the_waterengineer_sa](https://www.instagram.com/the_waterengineer_sa)

WORK SUMMARY

Engineering Intern

Alec | November 2021

Civil engineering intern on SeaWorld site in Abu Dhabi. Spent time working with VR and AR projects on site as well as handling scheduling responsibilities and risk mitigation on site.

Engineering Intern

Alec | Dec 2019 - Jan 2020

Civil engineering intern on the One Za'abeel skyscraper mega engineering project. Project includes a record breaking lift of a link bridge to be connected to 2 towers. Rotated between Departments: Structural steel and concrete, QA/QC, Project management, Design, Commercial.

Travis County Commissioners Office intern

Travis County Government | Dec 2018 - Feb 2019

Researched and produced government write ups on: "Funding of Public Education in the State of Texas" & "Healthcare funding in the state of Texas in relation to the affordable care act".

ACADEMIC BACKGROUND

Bishops Diocesan College

Matric | 2012 - 2016

- Completed the National Senior Certificate with an 86% aggregate
- All-rounders award
- Full honours in Sport and Leadership
- Half honours in academics

Stellenbosch University

Bachelor of Engineering | 2017 - 2021

- BEng Civil Engineering
- undergrad average of 70%
- Specialized in **Water Engineering and Design** and **Virtual Reality development**
- Short courses in **global citizenship** and **Health and Leadership**

WORK REFERENCES

Rade Miljanovic
Dubai
Senior Structural Engineering Manager, ALEC
Cell: +971 56 545 2411

Dr Nico De Koker
South Africa
Professor, Stellenbosch University
Email: ndekoker@sun.ac.za

Gerald Daugherty
USA
Former County Commissioner
Email: Gerald.Daugherty@TravisCountytx.gov

Development Software and Programming Languages

- Unity
- Prokon Structural Analysis
- AutoCad
- Mike Zero Hydraulic Modelling
- Abaqus Finite Element Modelling
- Java
- C#
- C
- Python
- HTML
- CSS
- Matlab

Spoken Languages

- English (Fluent)
- Afrikaans (Conversational)

Awards and Achievements

- Full high school sporting colours for basketball
- High school half academic colours
- Duke of Edinburgh bronze award
- Full high school leadership colours
- 2nd Round Mathematics Olympiad - 2016

Extra - Curriculars

- Public Speaking Society
- High School U16A basketball - Captain
- High School U16A Rugby Team
- High School 1st team basketball - Vice Captain
- Deputy head of Career Forum Society
- Mount Everest Base Camp Trek 2015
- Head Mentor at Vesta PSO (University)
- President of Seniors Committee at Vesta PSO (University)
- Vice President of the Engineering Student Council (University)
- Member of the Academic Affairs Council (University)
- Member of Student Parliament (University)